

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,235,854 B2
APPLICATION NO. : 10/789044
DATED : June 26, 2007
INVENTOR(S) : Ahn et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

Item (54), in "Title", in column 1, line 1, delete "TiO_x" and insert -- TiO_x --, therefor.

Item (57), under "Abstract", in column 2, line 1, delete "lanthamide" and insert -- lanthanide --, therefor.

Item (57), under "Abstract", in column 2, line 6, delete "lanthamide" and insert -- lanthanide --, therefor.

Item (57), under "Abstract", in column 2, line 8, delete "lanthamide" and insert -- lanthanide --, therefor.

Item (57), under "Abstract", in column 2, line 10, delete "lanthamide" and insert -- lanthanide --, therefor.

Item (57), under "Abstract", in column 2, line 12, delete "lanthamide" and insert -- lanthanide --, therefor.

Item (56), under "Other Publications", in column 2, line 8, delete "Cobal" and insert -- Cobalt --, therefor.

Item (56), under "Other Publications", in column 2, line 15, delete "Jul. 25," and insert -- Aug. 31, --, therefor.

In column 1, line 1, delete "TiO_x" and insert -- TiO_x --, therefor.

In column 1, lines 18–19 (Approx.), delete "Lanthamide" and insert -- Lanthanide --, therefor.

In column 2, line 35, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 2, line 39, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 3, line 33, delete "rate." and insert -- rate, --, therefor,

In column 3, line 37, delete "Dy," and insert -- Dy. --, therefor,

In column 3, line 38, after "embodiment" delete "." and insert -- , --, therefor.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 47, after "capacitors" delete "." and insert -- , --, therefor.

In column 5, line 17 (Approx.), delete " $t_{eq}=t_{SiO_2}+(K_{ox}/KK)t.$ " and insert -- $t_{eq}=t_{SiO_2}+(K_{ox}/K)t.$ --, therefor.

In column 6, lines 25-26 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 5, delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 8, line 8, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 8, line 11, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 15, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 8, line 16, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 18, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 20 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 22 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 24 (Approx.), delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 8, line 26 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 28 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, lines 31-32 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 34 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 36, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 8, line 38, delete "lanthamide." and insert -- lanthanide. --, therefor.

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In column 8, line 40, delete "lanthamide." and insert -- lanthanide --, therefor.

In column 8, line 45, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 6, before "target" delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, lines 6-7, after "The" delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 8, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 11, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 12, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 13, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 22, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 40, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 42, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, lines 44-45, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 9, line 48, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 1, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 4, delete "lanthamide." and insert--lanthanide. --, therefor.

In column 10, line 8, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 22, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, lines 24-25, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 26, delete "lanthamide." and insert -- lanthanide. --, therefor.

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In column 10, line 29, delete "lanthamide," and insert -- lanthanide --, therefor.

In column 10, line 32, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 37, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, lines 39-40, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, lines 41-42, delete "lanthamide" and insert-- lanthanide --, therefor.

In column 10, line 45, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 10, line 47, before "The" delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 10, line 47, before "can be" delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 49, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 51, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 53, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 55, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, lines 60-61, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, lines 62-63, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 10, line 67, after "with the" delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 10, line 67, after "The" delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 2, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 4, delete "lanthamide" and insert -- lanthanide --, therefor.

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In column 11, line 8, delete "lanthamide." and insert -- lanthanide --, therefor.

In column 11, line 9, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 17 (Approx.), delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 11, line 22 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 26 (Approx.), delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 11, line 27 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 29 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 37 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 60, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 11, line 62, delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 11, line 64, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 12, line 2, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 8, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 16 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 19 (Approx.), delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 12, line 20 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

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In column 12, line 22 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 52 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 53 (Approx.), delete "mm" and insert -- nm --, therefor.

In column 12, line 55 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 58, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 61, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 12, line 66, delete "lanthamides" and insert -- lanthanides --, therefor.

In column 13, line 2, delete "lanthamides" and insert -- lanthanides --, therefor.

In column 13, line 11, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 12, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 14, delete "lanthamide." and insert -- lanthanide. --, therefor.

In column 13, line 15, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 16, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 17, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 13, line 30, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 32, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 36, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 46, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 13, line 63, delete "lanthamide" and insert -- lanthanide --, therefor.

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In column 13, line 65, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, lines 3-4, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 7, delete "lanthamide," and insert -- lanthanide, --, therefor.

In column 14, line 9, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 10, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 13, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 20, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 25, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 14, line 52, delete "(DIMMMs)" and insert -- (DIMMs) --, therefor.

In column 15, line 20, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 15, line 33, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 33 (Approx.), delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 37, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 41, delete "Lanthamide" and insert -- Lanthanide --, therefor.

In column 16, line 44, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 47, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 54, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 58, delete "lanthamide" and insert -- lanthanide --, therefor.

In column 16, line 64, delete "lanthamide" and insert -- lanthanide --, therefor.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 14, in Claim 30, after "Tb" insert -- , --.

Signed and Sealed this

Eighteenth Day of September, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office